

Title (en)
INTRAOCULAR LENS WITH MULTIPLE-FULCRUM HAPTIC

Publication
EP 0278724 B1 19920429 (EN)

Application
EP 88301058 A 19880209

Priority
US 1285687 A 19870210

Abstract (en)
[origin: EP0278724A2] An intraocular lens (10) for implantation within an eye after cataract surgery. The intraocular lens has a haptic (16) having an elongated gently curving seating portion (16b) having a free end (16c) and a weakened (F2) portion about which such seating portion pivots. The weakened portion (F2,X,Y,Z) is spaced from the fulcrum (F1) formed at the location at which the haptic (16) is anchored to the lens body (12) such that the free end (16c) of the seating portion (16b) moves toward the lens body in response to compression of the seating portion toward the lens body for facilitating seating thereof, while minimizing the risk of injury to the delicate membranes in the eye by outwardly extending distal portions of the haptics. The construction of the lens being such that except for the weakened portion of the haptic, the entire haptic, including the seating portion, would pivot about the point of connection of the haptic to the lens body with the result that the free end portion would move away from, or at least not toward, the lens body, in response to such compression of the seating portion.

IPC 1-7
A61F 2/16

IPC 8 full level
A61F 2/16 (2006.01)

CPC (source: EP US)
A61F 2/16 (2013.01 - EP US); **A61F 2/1632** (2013.01 - US); **A61F 2002/1681** (2013.01 - US); **A61F 2002/1683** (2013.01 - EP US)

Cited by
EP0359381A1; DE3927360A1; FR2687304A1; EP1074228A1; US5567365A; US5571177A; US9445889B2; WO9428825A1; WO9220301A1; WO9215260A1; US9724240B2; US10335316B2; US9554891B2; US10070952B2; US9744077B2; US10709606B2

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